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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**  
Patent Application

Inventor(s): Reagan

Serial No.: 09/322,259

Group Art Unit: 2741

Filed: 5/28/99

Examiner: Fletcher, L.

Title: IMPROVED VOCODER METHOD

**RECEIVED**

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Technology Center 2600

Form 1449**U.S. Patent Documents**

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
<i>MD</i>	A	5,060,269	10/22/91	Zinser	381	38	5/18/89
	B						
	C						
	D						
	E						
	F						
	G						

**Foreign Patent or Published Foreign Patent Application**

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
<i>MD</i>	H	EPO 660301A1	6/28/95	EPO	G10L	9/14	X	
	I							
	J							
	K							
	L							
	M							

**Other Documents**

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
<i>MD</i>	N	"Enhanced Variable Rate Codec, Speech Service Option 3 for Wideband Spread Spectrum Digital Systems" Enhanced Variable Rate Codec, Speech Service Option 3 for Wideband Spread Spectrum Digital Systems, 9 September 1996 (1996-09-09), pages A, I-XIV, 101-104, 201, 209, 301 - 3, XP002912397 *section "4.3.1 Estimating the Data Rate Based on Current Signal Parameters"
<i>MD</i>	O	Kwon S Y et al: "A High Quality Bi-Celp Speech Coder at 8 kbit/s and Below" 1997 IEEE International Conference on Acoustics, Speech and Signal Processing (Cat. No. 97CB.36052), Munich, Germany, 21-24 April 1997, pages 759-762 vol. 2 XP000822558 1997, Los Alamitos, CA, USA, IEEE Comput. Soc. Press, USA. ISBN: 0-8186-7919-0 abstract page 759, left-hand column, line 36 -right-hand column, line 6
	P	
Examiner <i>MD</i>		Date Considered <i>12/11/01</i>

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered.  
Include copy of this form with next communication to applicant.